

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Currently Amended) A cylinder head for an internal combustion engine, the cylinder head comprising:
a top deck; and
at least one integrally cast rocker shaft pedestal including a top surface, wherein the top deck is machined in a same plane as the top surface of the at least one rocker shaft pedestal;

wherein the at least one rocker shaft pedestal includes a pair of opposed sidewalls adapted for correctly spacing adjacent rocker arms on each side of the pedestal.

2-6. (Canceled)

7. (Currently amended) A cylinder head as claimed in Claim 3 1, in which the at least one rocker shaft pedestal includes a pair of opposed sidewalls, each sidewall having a spacing step adjacent a top of the pedestal, which spacing steps are adapted for correctly spacing adjacent rocker arms on each side of the pedestal.

8-10. (Canceled)

11. (Original) A cylinder head as claimed in Claim 7, in which each sidewall includes a second step formed beneath the spacing step.

12. (Canceled)

13. (Currently Amended) An internal combustion engine comprising:
a cylinder block;

a cylinder head having a top deck and at least one integrally cast rocker shaft pedestal including a top surface, wherein the top deck is ~~machined~~ in a same plane as the top surface of the at least one rocker shaft pedestal; and

a rocker shaft mounted on the at least one rocker shaft pedestal, the rocker shaft having a plurality of rocker arms mounted thereon,

wherein the rocker shaft includes at least one flat formed on an underside of the shaft adapted for mating with a top of the at least one rocker shaft pedestal.

14. (Canceled)

15. (Original) An internal combustion engine as claimed in Claim 13 in which the at least one rocker shaft pedestal includes a pair of opposed sidewalls adapted for correctly spacing adjacent rocker arms on each side of the pedestal.

16. (Original) An internal combustion engine as claimed in Claim 13, in which the at least one rocker shaft pedestal includes a pair of opposed sidewalls, each

sidewall having a spacing step adjacent a top of the pedestal, which spacing steps are adapted for correctly spacing adjacent rocker arms on each side of the pedestal.

17. (Canceled)

18. (Original) An internal combustion engine cylinder head as claimed in Claim 16, in which each sidewall includes a second step formed beneath the spacing step.

19. (Canceled)

20. (Canceled)

21. (Currently Amended) A cylinder head for an internal combustion engine, the cylinder head comprising a top deck and at least one integrally cast rocker shaft pedestal, the pedestal comprising:

a substantially flat top surface ~~machined to be substantially flat and~~
adapted to abut a flat of a rocker shaft assembly; and

opposed outer side walls having substantially flat portions adapted to abut side surfaces of adjacent rocker arms of the rocker shaft assembly to position the rocker arms ~~align the rocker shaft assembly with the pedestal.~~

22. (Currently Amended) The cylinder head of claim 21, wherein the opposed outer side walls each include a spacing step adjacent a top of the pedestal. the pedestal further comprising ~~a spacing step extending outwardly from the pedestal,~~ below at least one flat portion of the opposed side walls, the spacing step being adapted to abut a bottom surface of a rocker arm.

23. (Currently Amended) The cylinder head of claim 22, wherein the opposed outer side walls each include a second step formed beneath the spacing step. the pedestal further comprising ~~a lower step extending outwardly from the pedestal,~~ below the spacing step.

24. (Currently Amended) A cylinder head for an internal combustion engine, the cylinder head comprising a top deck and at least one rocker shaft pedestal, the pedestal comprising:

a substantially flat top surface ~~machined to be substantially flat and~~ adapted to abut a flat of a rocker shaft assembly; and

opposed outer side walls having substantially flat portions adapted to abut side surfaces of adjacent rocker arms of the rocker shaft assembly to position the rocker arms ~~properly align the rocker shaft assembly with the pedestal.~~

25. (Currently Amended) The cylinder head of claim 24, wherein the opposed outer side walls each include a spacing step adjacent a top of the pedestal. the pedestal further comprising ~~a spacing step extending outwardly from the pedestal,~~

~~below at least one flat portion of the opposed side walls, the spacing step being adapted to abut a bottom surface of a rocker arm.~~

26. (Currently Amended) The cylinder head of claim 25, wherein the opposed outer side walls each include a second step formed beneath the spacing step.
~~the pedestal further comprising a lower step extending outwardly from the pedestal, below the spacing step.~~

27. (Currently Amended) A cylinder head for an internal combustion engine, the cylinder head comprising a top deck and at least one integrally cast rocker shaft pedestal, the pedestal comprising:

a substantially flat top surface ~~machined to be substantially flat and~~
adapted to abut a flat of a rocker shaft assembly; and

opposed outer side walls having substantially flat portions adapted to abut side surfaces of adjacent rocker arms of the rocker shaft assembly to position the rocker arms ~~properly align the rocker shaft assembly with the pedestal,~~

wherein the top surface of the pedestal is ~~machined~~ in the same plane as the top deck.